



## CITY OF LODI

## COUNCIL COMMUNICATION

AGENDA TITLE: Purchase 60-12kV Power Transformer with LTC (EUD 93-6)

MEETING DATE: September 16, 1992

SUBMITTED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council adopt the attached resolution awarding the bid for the purchase of one 60-12kV power transformer with LTC to the low bidder Cooper Power Systems, Inc., Canonsburg, PA, in the amount of \$300,992.08.

BACKGROUND INFORMATION: On August 5, 1992, the City Council approved specifications and authorized advertisement for bids. Bids were opened on August 28, 1992 with the results shown on the attached tabulation.

This power transformer will be installed at McLane Substation as replacement for a failing regulator unit. Based on bid prices received earlier on two separate occasions for replacement of the failing regulator and reduced losses due to improved materials and construction techniques in new units, a replacement of the existing transformer/regulator combination, with this power transformer, is the most economical alternative over the design life of the equipment. Due to the very favorable bids received, this alternative is even more advantageous to the City.


Transformers, in a bid evaluation, are ranked based on life-cycle cost. The life-cycle cost is the sum of the purchase price and the cost of losses over the life of the unit. In the case of power transformers, other factors such as extended warranties and costs associated with handling of the unit during installation (oil filling) are also considered in the life-cycle cost.

FUNDING: Included in the Department's 1992-93 fiscal year budget

  
Henry J. Rice  
Electric Utility Director

Prepared by: Hans Hansen, Assist. Electric Utility Director

Attach.  
c: Purchasing Officer

APPROVED:   
THOMAS A. PETERSON  
City Manager

RESOLUTION NO. 92-161

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A RESOLUTION OF THE LODI CITY COUNCIL  
AWARDING THE BID FOR THE PURCHASE OF  
ONE 60-12KV POWER TRANSFORMER (EUD92-6)  
FOR THE ELECTRIC UTILITY DEPARTMENT

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WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on August 28, 1992, at 11:00 a.m. for the bid for one 60-12KV Power Transformer (EUD92-6), described in the specifications therefor approved by the City Council on August 5, 1992; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown on the attached Bid Evaluation (Exhibit A).

WHEREAS, the City Manager recommends that award of the bid for one 60-12KV Power Transformer with LTC (EUD 92-6) be awarded to the low bidder Cooper Power Systems, Inc., Canonsburg, PA;

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that award of the bid for one 60-12KV Power Transformer with LTC (EUD 92-6) be and the same is hereby awarded to Cooper Power Systems, Inc., in the amount of \$300,992.08.

Dated: September 16, 1992

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I hereby certify that Resolution No. 92-161 was passed and adapted by the City Council of the City of Lodi in a regular meeting held September 16, 1992 by the following vote:

Ayes: Council Members - Hinchman, Pennino, Sieglock and  
Pinkerton (Mayor)

Noes: Council Members - None

Absent: Council Members - Snider

  
Alice M. Reimche  
City Clerk

BID EVALUATION

60-12KV POWER TRANSFORMER WITH LTC

EUD 92-6

Manufacturer	Bid Price Incl. Tax	No Load Loss (KW)	Load Loss (KW)	Cost of Losses	Extended Warranty Credit	Install. Cost (011)	Life-Cycle Cost	Delivery Weeks
Cooper Power Systems, Inc. Canonsburg , PA	\$300,992.08	11.5	69.8	\$708,600	0	0	\$509,592.08	30
General Electric Co. Issaquah, WA	345,877.50	12.4	66.0	206,400	0	0	552,277.50	29
MagneTek Waukesha , WI	361,719.98	12.4	68.7	211,800	-\$4,000	0	569,519.98	32
Federal Pioneer Limited Winnipeg, Manitoba	420,763.75	18.2	54.5	218,200	0	\$2,000	640,963.75	37
ABB Power T&D St. Louis, MO	534,440.00	17.3	61.2	226,200	-\$2,000	\$2,000	760,640.00	26-

EXHIBIT A